

Abstract of said Disclosure

Said hand-held thermal mug has an inlet on said top, above which there is a rotating cover, in which there is an outlet and a rotating opening. Said opening can seal said outlet of said rotating cover when it is rotated. After filling said hand-held thermal mug with water, said consumer can cover up said mug using said rotating cover to seal and prevent water in said mug from spilling out, or turn rotating cover till said outlet and said inlet coincide.

Said thermal mug has an external low-voltage electric socket, which can be connected to automotive power. Said power supplies to said temperature control device in said front of said hand-held thermal mug. Said device consists of an automatic thermometer that indicates said temperature inside said container, a switch and four temperature indicating lights. Said consumer can freely adjust said temperature of said water inside said mug to preferred level. Said mug can also maintain said temperature of said water inside, and provide proper water temperature for said consumer. Said thermal mug is designed to fit mug trays in automobiles and vessels for said convenience of said driver. Said consumer can put any preferred beverages into said hand-held shatterproof thermal mug, and drink at set temperature at any time. This invention best serves said needs of drivers while driving, and also meets needs of daily life and office usages.